

To: 'Grant, Gregory L LTC USARMY (US)' [Ex. 6 - Personal Privacy]
Ex. 4 - CBI

William[Arguto.William@epa.gov]; [s.com]; Arguto, [Ex. 4 - CBI]
bucher@niehs.nih.gov[bucher@niehs.nih.gov]; Burns, Francis[Burns.Fran@epa.gov]; Capacasa, Jon[Capacasa.jon@epa.gov]; Caporale, Cynthia[Caporale.Cynthia@epa.gov]; [Ex. 4 - CBI] christopher.weis@nih.gov[christopher.weis@nih.gov]; Clark, Becki[Clark.Becki@epa.gov]; [Ex. 4 - CBI] 'Cox, Edward C MAJ USARMY NG VAARNG (US)' [Ex. 6 - Personal Privacy]
[Ex. 4 - CBI]
letitia.tierney@wv.gov[letitia.tierney@wv.gov]; [Ex. 4 - CBI]; 'Cseh, Larry F CAPT (US)'[loc3@cdc.gov]; [Ex. 4 - CBI]; martha.a.mcelfresh@wv.gov[martha.a.mcelfresh@wv.gov]; masten@niehs.nih.gov[masten@niehs.nih.gov]; miller.aubrey@nih.gov[miller.aubrey@nih.gov]; [Ex. 4 - CBI]

Ex. 4 - CBI

[Ex. 4 - CBI]; Sayles, Gregory[Sayles.Gregory@epa.gov]; Singhvi, Raj[Singhvi.Raj@epa.gov]; [Ex. 4 - CBI], vck3@cdc.gov[vck3@cdc.gov]; Hedrick, Elizabeth[Hedrick.Elizabeth@epa.gov]

From: [Ex. 4 - CBI]
Sent: Wed 1/29/2014 7:14:04 PM
Subject: RE: PPH Discussion Group

REIC – Yes, as agreed upon, 10ppb is our reporting level for PPh and we are comfortable with that level. The DiPPH just arrived here to our facility this morning. We will be getting back to you with an update on our testing capability for DiPPH as soon as we have information available.

Thank you,

[Ex. 4 - CBI]

Project Manager, REIC Lab

From: Grant, Gregory L LTC USARMY (US) [Ex. 6 - Personal Privacy]
Sent: Wednesday, January 29, 2014 2:04 PM
To: [Ex. 4 - CBI]; 'arguto.william@epa.gov'; bucher@niehs.nih.gov; 'burns.fran@epa.gov'; 'capacasa.jon@epa.gov'; 'caporale.cynthia@epa.gov'; [Ex. 6 - Personal Privacy] christopher.weis@nih.gov; 'clark.becki@epamail.epa.gov'; [Ex. 4 - CBI] 'Cox, Edward C MAJ USARMY NG VAARNG (US)'; 'letitia.tierney@wv.gov'; [Ex. 4 - CBI] 'Cseh, Larry F CAPT'

Ex. 4 - CBI

(US); [redacted] Ex. 4 - CBI [redacted] 'martha.a.mcelfresh@wv.gov'; 'masten@niehs.nih.gov'; 'miller.aubrey@nih.gov'; [redacted] Ex. 4 - CBI [redacted]
[redacted] Ex. 4 - CBI [redacted] 'sayles.gregory@epa.gov';
Ex. 4 - CBI [redacted] 'm'; 'singhvi.raj@epa.gov'; [redacted] Ex. 4 - CBI [redacted]; 'vck3@cdc.gov'; 'hedrick.elizabeth@epa.gov'

Subject: Re: PPH Discussion Group

REIC Labs and Matric Labs. Please see below question from Lora Werner to provide updates directly from your lab on PPh testing at ppb level. Also, could you please comment on any changes after working with DiPPh if that has been analyzed.

Thank you! See below message from Lora.
I am currently driving back to WV from Washington DC.

Hello Lieutenant Colonel Grant

We are making forward progress on the federal review of the PPh health screening value. We would like to confirm in this document that the laboratory detection level the state is using at this time for PPh is 10 parts per billion. I know this was verbally discussed in the last coordination call, but could you confirm that via email for me?

Thank you very much. Best, Lora

Lora Siegmann Werner, MPH

Regional Director, Region 3

Division of Community Health Investigations

Agency for Toxic Substances & Disease Registry (ATSDR)/Centers for Disease Control & Prevention

c/o EPA Region 3

1650 Arch Street

Mailstop 3HS00

Philadelphia, PA 19103

Desk phone: 215-814-3141

Cell phone: 215-588-9778

Fax: 215-814-3003

Emails (only need to use one): lkw9@cdc.gov and werner.lora@epa.gov

Greg Grant, LTC, WVARNG
Commander
35th Civil Support Team (WMD)
5 Armory Drive
Saint Albans, WV. 25177

Ex. 6 - Personal Privacy

Sent from my blackberry

From: Grant, Gregory L LTC USARMY (US)

Sent: Tuesday, January 28, 2014 07:53 AM

To:

Ex. 4 - CBI

'arguto.william@epa.gov' <arguto.william@epa.gov>;
Ex. 4 - CBI 'bucher@niehs.nih.gov' <bucher@niehs.nih.gov>;
'burns.fran@epa.gov' <burns.fran@epa.gov>; 'capacasa.jon@epa.gov' <capacasa.jon@epa.gov>;
'caporale.cynthia@epa.gov' <caporale.cynthia@epa.gov>;
'christopher.weis@nih.gov' <christopher.weis@nih.gov>; 'clark.becki@epamail.epa.gov'
<clark.becki@epamail.epa.gov>;
Ex. 4 - CBI

Cox, Edward C MAJ USARMY NG VAARNG (US);

Ex. 4 - CBI 'letitia.tierney@wv.gov' <letitia.tierney@wv.gov>;
Ex. 4 - CBI Cseh, Larry F CAPT (US);
water.com>; 'martha.a.mcelfresh@wv.gov'
<martha.a.mcelfresh@wv.gov>; 'miller.aubrey@nih.gov'
<miller.aubrey@nih.gov>

Ex. 4 - CBI
Ex. 4 - CBI ter.com>; 'sayles.gregory@epa.gov' <sayles.gregory@epa.gov>;
'singhvi.raj@epa.gov' <singhvi.raj@epa.gov>;
Ex. 4 - CBI

Ex. 4 - CBI 'vck3@cdc.gov' <vck3@cdc.gov>; 'hedrick.elizabeth@epa.gov' <hedrick.elizabeth@epa.gov>
Subject: Re: PPH Discussion Group

We have added Elizabeth Hedrick to discussion group.

Would it be possible to have one our Chemists, Elizabeth Hedrick from our Water Security Division, Office of Ground Water and Drinking Water participate in the PPH discussion group. Elizabeth has been helping us in Region 3 and would be interested in contributing to the group.

Thanks,

Greg Grant, LTC, WVARNG
Commander
35th Civil Support Team (WMD)
5 Armory Drive
Saint Albans, WV. 25177

Ex. 6 - Personal Privacy

Sent from my blackberry

From: Grant, Gregory L LTC USARMY (US)
Sent: Monday, January 27, 2014 07:54 PM

To: [REDACTED] Ex. 4 - CBI [REDACTED]
[REDACTED] Ex. 4 - CBI [REDACTED]; arguto.william@epa.gov <arguto.william@epa.gov>; [REDACTED] Ex. 4 - CBI [REDACTED]
[REDACTED] Ex. 4 - CBI [REDACTED]; bucher@niehs.nih.gov <bucher@niehs.nih.gov>;
burns.fran@epa.gov <burns.fran@epa.gov>; capacasa.jon@epa.gov <capacasa.jon@epa.gov>;
caporale.cynthia@epa.gov <caporale.cynthia@epa.gov>; [REDACTED] Ex. 4 - CBI [REDACTED];
christopher.weis@nih.gov <christopher.weis@nih.gov>; clark.becki@epamail.epa.gov
<clark.becki@epamail.epa.gov>; [REDACTED] Ex. 4 - CBI [REDACTED]; Cox,
Edward C MAJ USARMY NG VAARNG (US); [REDACTED] Ex. 6 - Personal Privacy [REDACTED]
[REDACTED] Ex. 4 - CBI [REDACTED]; letitia.tierney@wv.gov <letitia.tierney@wv.gov>; [REDACTED] Ex. 4 - CBI [REDACTED]
[REDACTED] Ex. 4 - CBI [REDACTED]; Cseh, Larry F CAPT (US); [REDACTED] Ex. 4 - CBI [REDACTED];
[REDACTED] Ex. 4 - CBI [REDACTED]; om>; martha.a.mcelfresh@wv.gov <martha.a.mcelfresh@wv.gov>;
masten@niehs.nih.gov <masten@niehs.nih.gov>; miller.aubrey@nih.gov <miller.aubrey@nih.gov>;
[REDACTED] Ex. 4 - CBI [REDACTED]

Ex. 4 - CBI

[REDACTED] Ex. 4 - CBI [REDACTED]; water.com>; sayles.gregory@epa.gov <sayles.gregory@epa.gov>; [REDACTED] Ex. 4 - CBI [REDACTED]
[REDACTED] Ex. 4 - CBI [REDACTED]; singhvi.raj@epa.gov <singhvi.raj@epa.gov>; si [REDACTED] Ex. 4 - CBI [REDACTED]
[REDACTED] Ex. 4 - CBI [REDACTED]; cresearch.com>; [REDACTED] Ex. 4 - CBI [REDACTED];
vck3@cdc.gov <vck3@cdc.gov>; walter.m.ivey@wv.gov <walter.m.ivey@wv.gov>; werner.lora@epa.gov
<werner.lora@epa.gov>
Subject: RE: PPH Discussion Group

All,

See attached. I am forwarding data on behalf of REIC.

Thanks,

Lieutenant colonel Grant:

[Ex. 4 - CBI] asked me to send these GCMS fragmentation pattern scans for the PPH to you. He figured it would be easier to email them to you and then allow you to send them to the interested parties from this morning's conference call. The draft SOP should be emailed to you sometime tomorrow. If you need anything else, please be sure to let [Ex. 4 - CBI] or Dr. [Ex. 4 - CBI] know.

Ex. 4 - CBI

Quality Program Manager

REI Consultants, Inc.

225 Industrial Park Road

Beaver, WV 25813

Ex. 4 - CBI

From: [Ex. 4 - CBI]
Sent: Monday, January 27, 2014 11:49 AM
To: [Ex. 4 - CBI] arguto.william@epa.gov [Ex. 4 - CBI]
bucher@niehs.nih.gov; burns.fran@epa.gov; capacasa.jon@epa.gov; caporale.cynthia@epa.gov;
christopher.weis@nih.gov; clark.becki@epamail.epa.gov;
icresearch.com; Cox, Edward C MAJ USARMY NG VAARNG (US);
dvates.com; Grant, Gregory L LTC USARMY (US); letitia.tierney@wv.gov;
ter.com; Cseh, Larry F CAPT (US); [Ex. 4 - CBI]
martha.a.mcelfresh@wv.gov; masten@niehs.nih.gov; miller.aubrey@nih.gov; [Ex. 4 - CBI]
[Ex. 4 - CBI] sayles.gregory@epa.gov; [Ex. 4 - CBI] singhvi.raj@epa.gov;
[Ex. 4 - CBI] vck3@cdc.gov; walter.m.ivey@wv.gov;
werner.lora@epa.gov
Subject: PPH Discussion Group

Attached is MATRIC's PPH and DiPPH GC Spectra.

<<...>>

Best Regards

Ex. 4 - CBI

Ex. 4 - CBI

PROCESS ENGINEER

MATRIC | Mid-Atlantic Technology, Research & Innovation Center

Office: 800.611.2296 x834 | Mobile:

P.O. Box 8396, South Charleston, WV 25303

www.matričinnovates.com | Twitter | LinkedIn

-----Original Appointment-----

From: [REDACTED] **Ex. 4 - CBI**
Sent: Saturday, January 25, 2014 5:44 PM
To: arguto.william@epa.gov [REDACTED] Ex. 4 - CBI [REDACTED]; bucher@niehs.nih.gov; burns.fran@epa.gov; capacasa.jon@epa.gov; caporale.cynthia@epa.gov; [REDACTED] Ex. 4 - CBI [REDACTED]; christopher.weis@nih.gov; clark.becki@epamail.epa.gov; [REDACTED] Ex. 6 - Personal Privacy [REDACTED]
[REDACTED] Ex. 4 - CBI [REDACTED] Ex. 6 - Personal Privacy [REDACTED] Ex. 4 - CBI [REDACTED]
letitia.tierney@wv.gov; [REDACTED] Ex. 4 - CBI [REDACTED]; loc3@cdc.gov; [REDACTED] Ex. 4 - CBI [REDACTED]
[REDACTED] Ex. 4 - CBI [REDACTED] martha.a.mcelfresh@wv.gov; masten@niehs.nih.gov; miller.aubrey@nih.gov; [REDACTED] vck3@cdc.gov;
singhvi.raj@epa.gov; [REDACTED] Ex. 4 - CBI [REDACTED]; sayles.gregory@epa.gov; [REDACTED] Ex. 4 - CBI [REDACTED]
walter.m.ivey@wv.gov; werner.lora@epa.gov
Subject: Conference Call -- PPH Discussion Group **Ex. 6 - Personal Privacy**
When: Sunday, January 26, 2014 10:00 AM-11:00 AM Eastern.
Where:

Description

Conference Call Information:
Dial In: [REDACTED] Ex. 6 - Personal Privacy
Meeting: [REDACTED]

All,

REIC Laboratory reports they can detect PPh/DiPPh at less than 10ppb with 20 ml of sample. We are providing them with historic samples from 10-13 Jan so they can look back at those samples for PPh/DiPPh. They are reporting on the current samples at 1.04 ppb level. (Correct me if I am wrong **Ex. 4 - CBI**)

[REDACTED] Ex. 4 - CBI is planning on sending out conference call regarding PPh for 10:00 a.m., Monday 27 Jan. We appreciate everyone's assistance with this incident.

Thanks,
Greg

Greg Grant, LTC, WVARNG
Commander
35th Civil Support Team (WMD)
5 Armory Drive
Saint Albans, WV. 25177

[REDACTED]
Ex. 6 - Personal Privacy

Sent from my blackberry

----- Original Message -----

From: [REDACTED] **Ex. 4 - CBI** [REDACTED]
Sent: Saturday, January 25, 2014 01:25 PM
To: arguto.william@epa.gov <arguto.william@epa.gov> [REDACTED] **Ex. 4 - CBI** [REDACTED]
[REDACTED] **Ex. 4 - CBI** bucher@niehs.nih.gov <bucher@niehs.nih.gov>; burns.fran@epa.gov <burns.fran@epa.gov>;
capacasa.jon@epa.gov <capacasa.jon@epa.gov>; 'caporale.cynthia@epa.gov' <caporale.cynthia@epa.gov>;
[REDACTED] **Ex. 4 - CBI** [REDACTED] christopher.weis@nih.gov <christopher.weis@nih.gov>;
[REDACTED] **Ex. 4 - CBI** [REDACTED] Cox, Edward C MAJ USARMY NG
VAARNG (US); [REDACTED] **Ex. 4 - CBI** [REDACTED] >; Grant, Gregory L LTC
USARMY (US); 'letitia.tierney@wv.gov' <letitia.tierney@wv.gov> [REDACTED] **Ex. 4 - CBI** [REDACTED]
[REDACTED] **Ex. 4 - CBI** [REDACTED] Cseh, Larry F CAPT (US); [REDACTED] **Ex. 6 - Personal Privacy** [REDACTED] amwater.com
[REDACTED] **Ex. 4 - CBI** [REDACTED] com>; [REDACTED] **Ex. 4 - CBI** [REDACTED];
[REDACTED] **Ex. 4 - CBI** [REDACTED] 'martha.a.mcelfresh@wv.gov' <martha.a.mcelfresh@wv.gov>; masten@niehs.nih.gov <masten@niehs.nih.gov>;
miller.aubrey@nih.gov <miller.aubrey@nih.gov>; [REDACTED] **Ex. 4 - CBI** [REDACTED]
[REDACTED] **Ex. 4 - CBI** [REDACTED] singhvi.raj@epa.gov
<singhvi.raj@epa.gov> [REDACTED] **Ex. 4 - CBI** [REDACTED] >; [REDACTED] **Ex. 4 - CBI** [REDACTED]
[REDACTED] **Ex. 4 - CBI** [REDACTED] ; 'vck3@cdc.gov' <vck3@cdc.gov>; 'walter.m.ivey@wv.gov'
<walter.m.ivey@wv.gov>; werner.lora@epa.gov <werner.lora@epa.gov>
Cc: 'clark.becki@epamail.epa.gov' <clark.becki@epamail.epa.gov>; 'sayles.gregory@epa.gov'
<sayles.gregory@epa.gov>; [REDACTED] **Ex. 4 - CBI** [REDACTED]
Subject: Re: PPH Discussion Group

Hello all - please add the three individuals in the CC distribution above
to your contacts for the PPH discussion group.

Becki and Gregory are with the EPA and [REDACTED] **Ex. 4 - CBI** is with the Dow Chemical
Company.

Regards,

[REDACTED] **Ex. 4 - CBI** [REDACTED]

President
West Virginia American Water
1600 Pennsylvania Avenue
Charleston, WV 25302

[REDACTED] **Ex. 4 - CBI** [REDACTED]

www.amwater.com

From: [REDACTED] **Ex. 6 - Personal Privacy** [REDACTED]

To: arguto.william@epa.gov, [REDACTED] **Ex. 4 - CBI** [REDACTED]

Ex. 4 - CBI

, bucher@niehs.nih.gov,
burns.fran@epa.gov, capacasa.jon@epa.gov,
"caporale.cynthia@epa.gov" <caporale.cynthia@epa.gov>,

Ex. 4 - CBI

christopher.weis@nih.gov,]

Ex. 4 - CBI**Ex. 4 - CBI****Ex. 6 - Personal Privacy**

"letitia.tierney@wv.gov" <letitia.tierney@wv.gov>,

Ex. 4 - CBI

loc3@cdc.gov,]

Ex. 4 - CBI

"martha.a.mcelfresh@wv.gov" <martha.a.mcelfresh@wv.gov>,
masten@niehs.nih.gov, miller.aubrey@nih.gov,

Ex. 4 - CBI**Ex. 4 - CBI**

singhvi.raj@epa.gov,

Ex. 4 - CBI**Ex. 4 - CBI**

, "vck3@cdc.gov"
<vck3@cdc.gov>, "walter.m.ivey@wv.gov"

<walter.m.ivey@wv.gov>, werner.lora@epa.gov

Date: 01/24/2014 06:15 PM

Subject: Re: PPH Discussion Group

Corrected email for Jon Capacasa now included.

Regards,

Ex. 4 - CBI

President
West Virginia American Water
1600 Pennsylvania Avenue
Charleston, WV 25302

Ex. 4 - CBI

www.amwater.com

From:
To:

Ex. 6 - Personal Privacy

Ex. 4 - CBI

"martha.a.mcelfresh@wv.gov" <martha.a.mcelfresh@wv.gov>
"walter.m.ivey@wv.gov" <walter.m.ivey@wv.gov>, [Ex. 4 - CBI]

[Ex. 4 - CBI]

Ex. 4 - CBI

[Ex. 4 - CBI], "letitia.tierney@wv.gov"
<letitia.tierney@wv.gov>, [Ex. 4 - CBI]
[Ex. 4 - CBI], "caporale.cynthia@epa.gov"
<caporale.cynthia@epa.gov>, "vck3@cdc.gov" <vck3@cdc.gov>, [Ex. 4 - CBI]

Ex. 6 - Personal Privacy

christopher.weis@nih.gov, arguto.william@epa.gov, loc3@cdc.gov,
burns.fran@epa.gov, capacasa.john@epa.gov,
bucher@niehs.nih.gov, masten@niehs.nih.gov,
miller.aubrey@nih.gov, singhvi.raj@epa.gov, werner.lora@epa.gov
Date: 01/24/2014 05:55 PM
Subject: PPH Discussion Group

This is the entire PPH discussion group as I understand it right now. REIC labs is working overnight attempting to lower the 1.2 ppm detection limit achieved by MATRIC.

Once we here from REIC in the morning we will set up another conference call for the group.

Regards,

Ex. 4 - CBI

President

West Virginia American Water
1600 Pennsylvania Avenue
Charleston, WV 25302

Ex. 4 - CBI

www.amwater.com

<< File: Untitled attachment 01343.htm >> << File: c174433.ics >>